FIG. 8

WIRELESS FRAME START

S1 — WHETHER THERE IS PACKET DATA ?
— NO
— YES

S2 — m, f : ACQUISITION $K = 0$

S3 — Ccode > m ?
— NO
— YES

S4 — $f = f + 1$

S5 — Cfrm $\leqq$ f ?
— NO
— YES

A

S6 — $f = 0$

S7 — Cnum > K ?
— NO
— YES

S8 — $m = m+1$ $K = K+1$

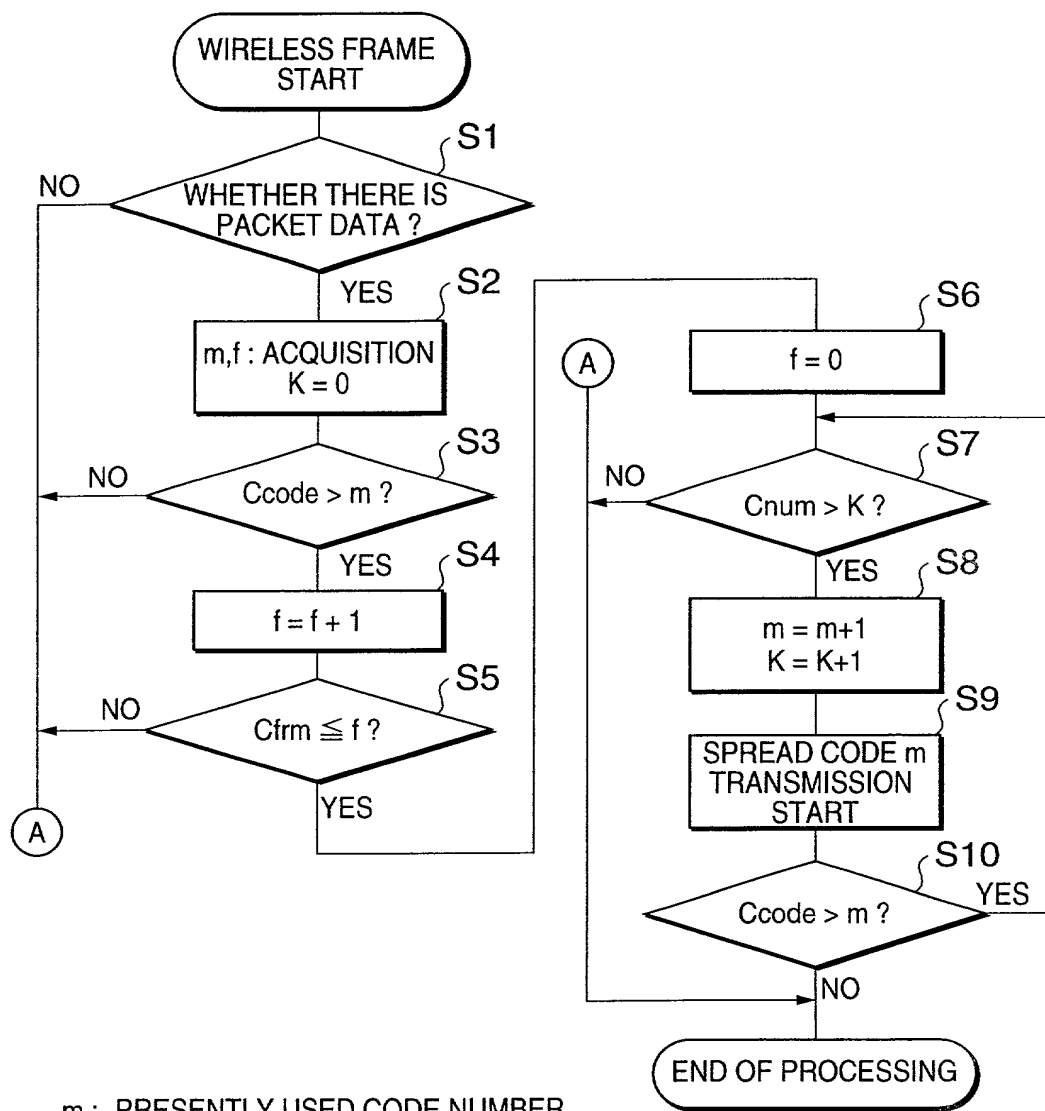S9 — SPREAD CODE m TRANSMISSION START

S10 — Ccode > m ?
— YES
— NO

END OF PROCESSING

m : PRESENTLY USED CODE NUMBER
K : SIMULTANEOUS PROCESSING CODE NUMBER COUNT VALUE
f : DELAY FRAME NUMBER COUNT VALUE
Ccode : MULTICODE NUMBER
Cnum : SIMULTANEOUS PROCESSING CODE NUMBER
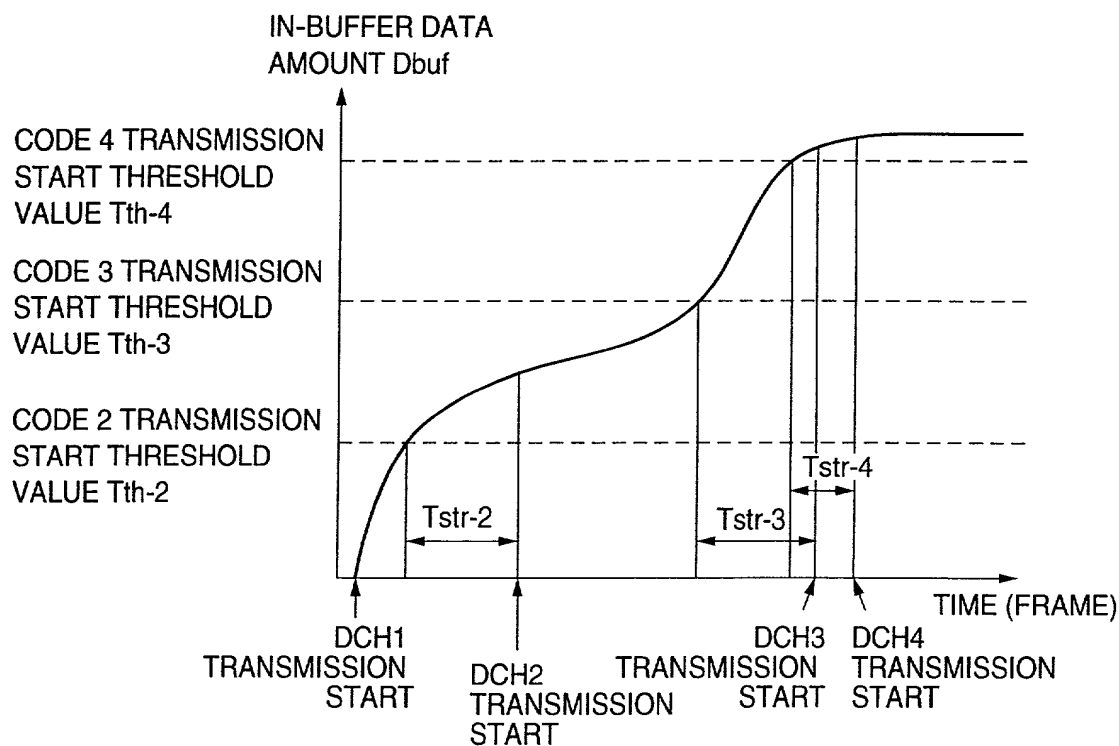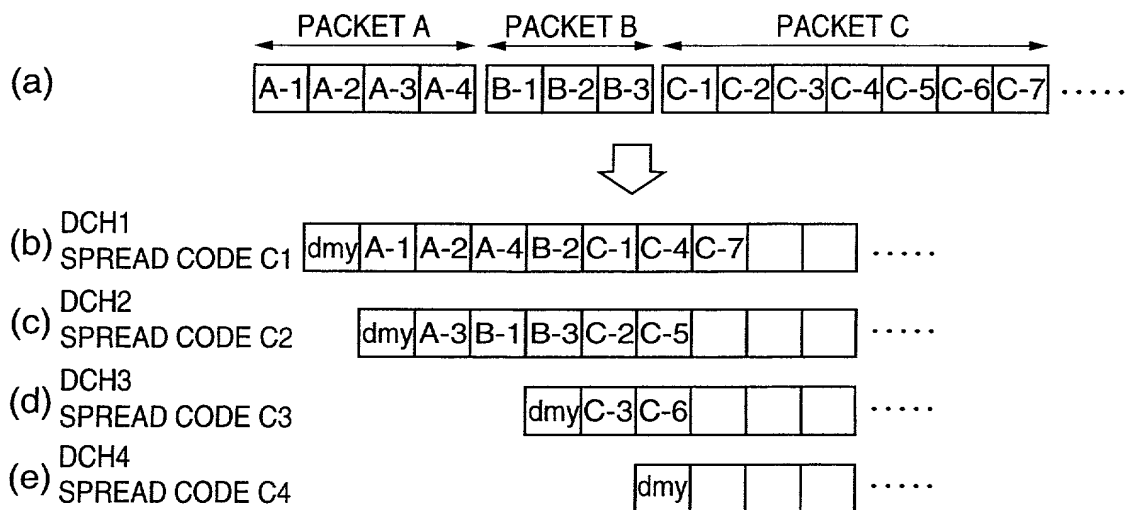Cfrm : DELAY FRAME NUMBER

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FIG. 9

IN-BUFFER DATA
AMOUNT Dbuf

CODE 4 TRANSMISSION
START THRESHOLD
VALUE Tth-4

CODE 3 TRANSMISSION
START THRESHOLD
VALUE Tth-3

CODE 2 TRANSMISSION
START THRESHOLD
VALUE Tth-2

Tstr-2

Tstr-3

Tstr-4

TIME (FRAME)

DCH1
TRANSMISSION
START

DCH2
TRANSMISSION
START

DCH3
TRANSMISSION
START

DCH4
TRANSMISSION
START

FIG. 10

| PACKET A | PACKET B | PACKET C |

(a)

| A-1 | A-2 | A-3 | A-4 | B-1 | B-2 | B-3 | C-1 | C-2 | C-3 | C-4 | C-5 | C-6 | C-7 | · · · · ·

(b) DCH1
SPREAD CODE C1

| dmy | A-1 | A-2 | A-4 | B-2 | C-1 | C-4 | C-7 | | | · · · · ·

(c) DCH2
SPREAD CODE C2

| dmy | A-3 | B-1 | B-3 | C-2 | C-5 | | | | · · · · ·

(d) DCH3
SPREAD CODE C3

| dmy | C-3 | C-6 | | | | · · · · ·

(e) DCH4
SPREAD CODE C4

| dmy | | | | · · · · ·

FIG. 11